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TO: Commissioner for Patents  
Attn: Examiner Le Hien Luu  
Patent Examining Corps  
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Alexandria, VA 22313-1450

FROM: George H. Gates  
OUR REF.: 5104.05  
TELEPHONE: (310) 642-4146

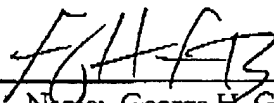
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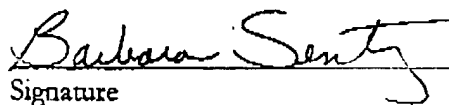
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Title of Document Transmitted:	TRANSMITTAL SHEETS AND AMENDMENT UNDER 37 C.F.R. §1.312
Applicant:	Robert J. McMillen et al.
Serial No.:	09/783,923
Filed:	February 14, 2001
Group Art Unit:	2152
Title:	MULTICAST TRANSMISSIONS IN A MULTISTAGE INTERCONNECT NETWORK
Our Ref. No.:	5104.05

Please charge all fees to Deposit Account No. 50-1673 of NCR Corporation, the assignee of the present application.

By:   
Name: George H. Gates  
Reg. No.: 33,500

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Signature

April 26, 2005  
Date

Notice of Allow. Date: March 17, 2005  
Confirmation No.: 1479

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robert J. McMillen et al. Examiner: Le Hien Luu  
Serial No.: 09/783,923 Group Art Unit: 2152  
Filed: February 14, 2001 Docket: 5104.05  
Title: MULTICAST TRANSMISSIONS IN A MULTISTAGE INTERCONNECT NETWORK

**CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8**

I hereby certify that this correspondence is being filed via facsimile transmission to the U.S. Patent and Trademark Office on April 26, 2005.

By: George H. Gates  
Name: George H. Gates

MAIL STOP ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing a Certificate of Mailing or Transmission under 37 CFR 1.8.  
☒ Amendment Under 37 C.F.R. §1.312.

**CLAIMS PRESENT**

Claims Remaining:	Highest Number Previously Paid For:	Number Extra	Rate	Fee
Total Claims				
			x \$50.00	= \$
Independent Claims				
			x \$200.00	= \$
MULTIPLE DEPENDENT CLAIM FEE				\$0.00
TOTAL FILING FEE				\$

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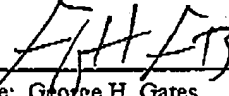
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NOTICE OF ALLOWANCE DATE: March 17, 2005

ISSUE FEE DUE DATE: June 17, 2005

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AMENDMENT UNDER 37 C.F.R. §1.312

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Dear Sir:

In accordance with 37 C.F.R. §1.312, and without withdrawing the application from  
issue, please amend the above-identified application as follows:

IN THE SPECIFICATION

Please amend the paragraph beginning at page 105, line 9 as follows:

This concludes the description of the preferred embodiment of the invention. In  
summary, the present invention comprises a multistage interconnect network 14 (MIN) capable  
of supporting massively parallel processing, including point-to-point and multicast  
communications between processor modules (PMs) which are connected to the input and output  
ports of the network. The network 14 is built using interconnected 8x8 switch nodes 16 arranged  
in  $\lceil \log_8 N \rceil \lceil \log_8 N \rceil$  stages, wherein N is the number of input/output ports in the network and  
 $\lceil \log_8 N \rceil \lceil \log_8 N \rceil$  indicates a ceiling function providing the smallest integer not less than  $\log_8$